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DOGM
MINERALS PROGRAM
FILE COPY

September 22, 1989

TO: Minerals File

FROM: D. Wayne Hedberg, Reclamation Hydrologist *DWH*

RE: Site Inspection, Jumbo Mining Company, Alto-Ibex Property, M/027/007,
Millard and Juab Counties, Utah

On September 22, 1989, Wayne Hedberg visited the Alto-Ibex Properties to inspect the current status of operations. Mr. David Hartshorn, Jumbo Mining Company, accompanied me on the site inspection.

The new access road to the Alto and Keystone pit areas has been constructed. Ore has been hauled from the Alto pit. The first lift from the top of the Alto ore-body has been blasted and removed. The adjacent Keystone pit has not been excavated to date. However, some preliminary drilling has been performed in the old Keystone pit. Mr. Hartshorn indicated that it was unlikely that they would pursue their proposed underground mine development at the existing Ibex Mine because of the high cost of underground development and the haulage distance back to the Drum Mine. He indicated that there was a problem with high copper concentrations as well.

We also visited the site of the Monarch test pit. All of the ore that was to have been extracted from this site has been removed and trucked to the Drum mine site for leaching. Mr. Hartshorn indicated that approximately 6,000 tons had been removed from this test pit. There is a substantial amount of waste rock and overburden material that can be used for backfilling and regrading of this excavation.

Mr. Hartshorn indicated that they may do some additional drilling to the west of the existing pit. He also indicated that some limited reclamation may be commenced this winter at this site. Mr. Hartshorn indicated that once the amended Joy exploration project is approved, mining at the Alto site will temporarily cease, until the work is completed at the Joy test pits.

No significant environmental concerns were noted during my inspection of these permitted operations.

jb
cc: Ed King
David Hartshorn
Toby Manzanarez, BLM, Warm Springs RA
Lowell Braxton

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